

Title (en)  
WHEEL FOR SUPPORTING TIRES FOR VEHICLES

Title (de)  
RAD ZUR UNTERSTÜTZUNG VON REIFEN FÜR FAHRZEUGE

Title (fr)  
ROUE DE SUPPORT DE PNEU POUR VÉHICULES

Publication  
**EP 3576963 A1 20191211 (EN)**

Application  
**EP 18702260 A 20180129**

Priority  
• IT 201700009997 A 20170131  
• EP 2018052100 W 20180129

Abstract (en)  
[origin: WO2018141679A1] A wheel (1) for supporting tires for vehicles which is made of composite material based on carbon fiber, which comprises an insert (2) which is made of metallic material at its central region designed to be fixed to the hub of the respective vehicle. The insert (2) is coupled between external contoured laminated shells (3) made of composite material, with the interposition of at least one interface film (4) having a thickness that can vary between 0.05 mm and 1.0 mm. The interface film (4) is made of a material preferably chosen from among epoxy polymers, polyurethane polymers, acrylic polymers, silicone polymers, polyamide polymers, glass fibers and combinations thereof.

IPC 8 full level  
**B60B 3/02** (2006.01); **B60B 3/10** (2006.01); **B60B 3/12** (2006.01); **B60B 3/16** (2006.01); **B60B 5/02** (2006.01)

CPC (source: EP US)  
**B60B 3/02** (2013.01 - EP); **B60B 3/10** (2013.01 - EP US); **B60B 3/12** (2013.01 - EP US); **B60B 3/16** (2013.01 - EP); **B60B 5/02** (2013.01 - EP); **B60B 3/16** (2013.01 - US); **B60B 5/02** (2013.01 - US); **B60B 2360/104** (2013.01 - EP US); **B60B 2360/3416** (2013.01 - EP US); **B60B 2900/572** (2013.01 - EP US); **Y02T 10/86** (2013.01 - EP)

Citation (search report)  
See references of WO 2018141679A1

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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